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2 CLAIMS
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4 What is claimed is:
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6 *Sum P17* Claim 1. A print access security system for
7 authorization to operate a vehicle comprising a fingerprint
8 enrollment and verification module, FEVM, adapted for
9 electrical connection to the electrical system of a vehicle,
10 said FEVM having an opening of sufficient size to accept a
11 finger; a sensor means mounted in said opening of said FEVM
12 to capture a fingerprint image for authorization to operate
13 the vehicle.
14

15 Claim 2. A print access security system of claim 1
16 wherein said FEVM has a flash memory and a plurality of
17 preselectable modes, one of said modes being an FEVM
18 enrollment mode, said FEVM enrollment mode transforms said
19 fingerprint image to a template, said template having
20 statistical information about said fingerprint image, said
21 template communicated to said flash memory for archiving said
22 fingerprint template.
23

24 Claim 3. A print access security system of claim 2
25 wherein said FEVM preselectable modes includes a FEVM
26 verification mode wherein said FEVM applies said statistical
27 information of said archived template to a current

1 fingerprint image captured by said sensor means.

2
3 Claim 4. A print access security system of claim 3
4 wherein operation of a vehicle is denied by said FEVM when
5 said archived template and said current image do not match.

6
7 Claim 5. A print access security system of claim 4
8 wherein operation of a vehicle is permitted by said FEVM when
9 said archived template and said current image match.

10
11 Claim 6. A print access security system of claim 4
12 wherein said vehicle has passenger doors, said FEVM mounted
13 on one of said passenger doors, said FEVM electrically wired
14 into the electrical system of said vehicle, said opening
15 facing outwardly exposing said sensor means.

16
17 Claim 7. A print access security system of claim 6
18 wherein said vehicle has an electrical door lock circuit and
19 said passenger doors have electrically powered door locks
20 connected to said electrical door lock circuit, said FEVM is
21 electrically connected to said door lock circuit, said FEVM
22 acting as a switch in said circuit, said switch not
23 activating said circuit when said template and said image do
24 not match.

1 Claim 8. A print access security system of claim 5
2 wherein said vehicle has passenger doors and an electrical
3 door lock circuit, said doors including electrically powered
4 door locks connected to said electrical door lock circuit,
5 said FEVM is electrically connected to said door lock
6 circuit, said FEVM acting as a switch in said circuit, said
7 switch activating said circuit when said template and said
8 image match.

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10 Claim 9. A print access security system of claim 8
11 wherein said FEVM energizes said door locks and unlocks said
12 doors.

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14 Claim 10. A print access security system of claim 3
15 wherein said FEVM is mounted in said vehicle and said FEVM is
16 electrically wired into the electrical system of said
17 vehicle, said opening facing outwardly exposing said sensor
18 means.

19
20 Claim 11. A print access security system of claim 10
21 wherein said vehicle electrical system includes circuits to a
22 multiplicity of subsidiary systems, said FEVM having a
23 plurality of selectable modes corresponding to said circuits,
24 said FEVM connected to each of said circuits, said FEVM
25 acting as a switch in said circuits, said FEVM not activating

1 a corresponding circuit when a particular mode is selected
2 and said template and said current image do not match.

3
4 Claim 12. A print access security system of claim 11
5 wherein said FEVM activates a corresponding circuit when a
6 particular mode is selected and said current image and said
7 template match.

8
9 Claim 13. A print access security system of claim 12
10 wherein said FEVM energizes said circuit and operates said
11 subsidiary system.